

ABSTRACT

A small-sized noise suppression circuit capable of suppressing noise in a wide frequency range is realized. A noise suppression circuit has first and second inductors inserted in series in a first conductive line, and a series circuit configured to have a third inductor and a first capacitor connected in series. One end of the series circuit is connected to a junction of the first and second inductors and the other end is connected to a second conductive line. Even when a coupling coefficient k between the first and second inductors is smaller than 1, by adjusting the value of the inductance of the third inductor in accordance with the value of the coupling coefficient k , an attenuation characteristic which is almost the same as or similar to that in an ideal state is obtained.